

REMARKS

Applicant has studied the Office Action dated July 1, 2005 and has made changes to the disclosure. It is submitted that the application, as amended, is in condition for allowance. Claims 18-20 have been cancelled. Claims 21-25 have been added. Claims 1, 2, 4, 10, 12 and 17 have been amended. After this amendment, claims 1-17 and 21-25 remain pending. The specification has been amended to correct a few minor informalities. No new matter was added. Reconsideration and allowance of the pending claims are respectfully requested.

Rejection of Claims Under 35 U.S.C. §102

Reconsideration of the rejection of claims 1-3, 5, 8-9 and 11 rejected under 35 U.S.C. §102(a) as being anticipated by Pendse et al., (U.S. Patent No. 6,828,220) is respectively requested in view of the amendment to claim 1 and for the following reasons.

The flip chip-in-leadframe package of Pendse et al., lacks the electrical connection leads of the invention, which have rear recesses covered by encapsulation material, as recited in the last element of amended claim 1. The last element of amended claim 1 reads as follows:

"a block of an encapsulation material into which at least a portion of the electrical connection leads are embedded, the block having a rear face, wherein the rear face of the electrical connection leads and the rear face of the block form a rear face of the semiconductor package, and wherein the electrical connection leads have rear recesses covered by the encapsulation material."

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Pendse et al., fail to teach, suggest or disclose the last element of amended claim 1. Because claims 2, 3, 5, 8-9 and 11 depend upon amended claim 1, and because dependent claims recite all the limitations of the independent claim, it is believed that claims 2, 3, 5, 8-9 and 11 also recite in allowable form.

Accordingly, in view of the amendments and remarks above, Applicant believes that the rejection of claims 1-3, 5, 8-9 and 11 under 35 U.S.C. §102(e) has been overcome.

Rejection of Claims Under 35 U.S.C. §103

Reconsideration of the rejection of claims 6 and 7 under 35 U.S.C. §103(a) as being unpatentable over Pendse et al., in view of Minamio et al., (U.S. Patent No. 6,208,020) is respectfully requested for the following reasons.

Because claims 6 and 7 depend upon amended claim 1, and because dependent claims recite all the limitations of the independent claim, it is believed that claims 6 and 7 also recite in allowable form. Furthermore, Minamio et al., describe a package in which the chip is carried by a platform around which there are connection leads. Such a structure is substantially different from the semiconductor package of the invention, which has no platform. Therefore, it is not obvious to combine Pendse et al., with Minamio et al.

Accordingly, Applicant believes that the rejection of claims 6 and 7 under 35 U.S.C. §103(a) has been overcome.

Allowable Subject Matter

The Examiner indicated that claims 4, 10 and 12-20, objected to as being dependent upon a rejected base claim, would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Accordingly, claims 4, 10, 12 and 17 were so written in independent form. Claims 13-16 were not rewritten in independent form; however, claims 13-16 are dependent upon amended claim 12, and, therefore, should also be allowed in dependent form, with amendment. Claims 18-20 were canceled.

CONCLUSION

Applicant acknowledges the continuing duty of candor and good faith to disclosure of information known to be material to the examination of this application. In accordance with 37 CFR ¶1.56, all such information is dutifully made of record. The foreseeable equivalents of any territory surrendered by amendment is limited to the territory taught by the information of record. No other territory afforded by the doctrine of equivalents is knowingly surrendered and everything else is unforeseeable at the time of this amendment by the Applicant and his attorneys.

The present application, after entry of this amendment, contains twenty-two (22) claims, including six (6) independent claims. Applicants have previously paid for twenty (20) claims including one (1) independent claim. Therefore, an additional fee for claims is due. The Commissioner is hereby authorized to charge any fees that may be required or credit any overpayment to Deposit Account 50-1556.

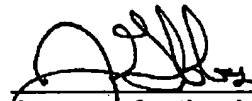
Applicant respectfully submits that all of the grounds for rejection stated in the Examiner's Office Action have been overcome, and that all claims in the application are allowable. It is believed that the application is now in condition for allowance, which allowance is respectfully requested.

PLEASE CALL the undersigned if that would expedite the prosecution of this application.

Respectfully Submitted,

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By:



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